

their value as scrap. Therefore as soon as a vessel is loaded or at sundown the fleet makes its way to the factory and when tied up the work of unloading begins. The steamers are unloaded with an endless chain bucket in a chute, pretty much like grain is handled. The big chute or elevator is lowered into the hold and a dozen or more men pitch-fork the fish into its mouth.

The elevator raises the fish to the very top of the factory and they are automatically dumped into a box which holds almost an even 1,000 fish. When the box is full a man pulls a lever which opens the bottom of the box and at the same time registers 1 on an indicator. As the fish drop from the box they fall on a bucket carrier which conveys them to the big steam cookers which have a capacity of several thousand each. After 30 minutes of cooking the fish are run into the presses and squeezed until they are mashed out of all resemblance to fish. It is at this point that the oil and the fish separate and the fish become what is known as scrap.

The oil is boiled and chemically treated and pumped into tanks where it is permitted to settle until ready to be drawn into barrels and go on the market.

The fish scrap is run from the presses into long iron cylinders in which there are coils of steam pipes, called dryers, and after being thoroughly heated and dried out, is run through other cylinders and twisted by big screw like arms until it has cooled, after which it is carried to the storehouse where it is bagged. In the handling of the scrap mechanical conveyors are employed and not until it reaches the storehouse is it touched by human hands and then only to be bagged.

FEW PLUMS IN NEW CUSTOM PLAN

Mass. District to Have 661 Officers Mostly in Classified Service.

Second Largest in Country—Saving \$30,000 Annually.

The Massachusetts customs district which will become a fact on July 1, in accordance with the order of President Taft on March 4, as required by act of congress, will include in its patronage 661 officers, drawing a combined annual stipend of \$859,101.

To this has to be added for rent and contingencies \$141,912, making a total appropriation to be spent annually in the district \$1,001,013.

The consolidation in Massachusetts effects a saving of \$30,000 annually.

The consolidation wipes out all the old customs districts and makes deputy ports of them, inclusive of the district of Boston and Charlestown.

All, no matter how historic, will become the district of Massachusetts with headquarters at Boston. While most of the old ports will be retained as ports of entry, still they will be presided over by deputy collectors, acting under the orders of the collector of the district at Boston. He may be appointed from anywhere in the state.

As the order goes into effect on July 1, a new collector for the district will have to be appointed.

Splendid Array of Offices.

In the splendid array of fine offices are collectors at \$8000 a year, a deputy collector at \$5000, a deputy collector at \$3500, a cashier of \$3200, six deputy collectors at \$3000, a clerk at \$2500, an assistant cashier at \$2400, a naval officer at \$5000, a deputy naval officer at \$3000, a surveyor at \$5000, an appraiser at \$4000, three at \$3000, and a deputy collector at \$2500.

The whole list is:

Collector	\$ 8,000.00
Deputy collector.....	5,000.00
Deputy collector.....	3,500.00
Cashier	3,200.00
Deputy collectors, 6 at \$3,000	18,000.00
Clerk, 1 at \$2,500.....	2,500.00
Assistant cashier.....	2,400.00
Clerks, 6 at \$2,250.....	13,500.00
Inspectors, 5 at \$6.....	10,500.00
Clerks, 6 at \$2,000.....	12,000.00
Weigher, 1 at \$2,000.....	2,000.00
Gauger, 1 at \$2,000.....	2,000.00
Inspectors, 3 at \$5.....	5,750.00
Clerks, 19 at \$1,800.....	3,420.00
Clerks, 27 at \$1,600.....	4,320.00
Clerks (acting weigher), 3 at \$1,660	4,980.00
Captain, 1 at \$1,600.....	1,600.00
Assistant weighers, 31 at \$4 per diem.....	5,260.00
Assistant gaugers, 4 at \$4 per	

diem	5,840.00
Clerks, 25 at \$1,400.....	35,000.00
Inspectors, 53 at \$4.....	77,380.00
Storekeepers, 12 at \$1,400 (d)	16,800.00
Lieutenants, 2 at \$1,400.....	2,800.00
Clerks, 33 at \$1,200.....	39,600.00
Storekeepers, 2 at \$1,200(d)	2,400.00
Stenographer and typewriter	1,200.00
Clerk and stenographer.....	1,200.00
Roundsmen, 3 at \$1,200.....	3,600.00
Messengers, 2 at \$1,000.....	2,000.00
Storekeeper, 1 at \$1,000 (d)	1,000.00
Watchman, 1 at \$3.....	1,095.00
Stenographer and typewriter	1,000.00
Clerks, 37 at \$1,000.....	37,000.00
Customs guards, 15 at \$960.....	14,400.00
Stampers, 3 at \$2.50.....	2,737.50

Most of these offices are in the classified civil service and so the democrats of Massachusetts need not entertain the idea that the offices are all theirs to fill. But it may be believed that the list looks very tempting.

Five Other New England Districts.

The Massachusetts district is far ahead of the other five customs districts in New England.

That of Maine and New Hampshire, these two states making one district, will expend \$146,394 annually. The officers number 123 and the highest paid official is to be the collector at \$5000.

The district of Eastern Vermont will expend annually \$52,081 and has 42 officers. The highest salary is that of collector at \$4000.

The Western district of Vermont will expend annually \$82,834 and have 65 officers.

The district of Rhode Island will be the least consequential, involving an annual expenditure of only \$32,994, and embracing only 23 officials.

The district of Connecticut will spend \$38,102 annually, and employ 26 officials.

All told, the six New England districts will expend in a year \$1,353,416 and employ 940 officials, big and little.

Massachusetts Second in Country.

The district of Massachusetts, in the scope of its expenditures for salaries and the number of its officials, will rank second in the country, being surpassed only by that of New York city, whose disbursement for salaries will amount to \$4,301,000 annually, and \$277,737 for rents and contingencies, a total of \$4,578,777.

Third rank will belong to the district of Philadelphia, with total appropriations annually of \$565,000. So the second place, carried by Massachusetts, will not soon be wrested from the Bay State.

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NO OFF SHORE IN TEN DAYS

Unusually Long Spell at
This Port Without a
Big Vessel.

For the tenth consecutive day, not an off shore arrival or any description has been reported here, the only fish since Saturday receipts being those landed by the gill netters.

As a whole, the steamers have been doing but little the past few weeks. The total receipts for the two days being about 50,000 pounds. About three-fifths of the landings was haddock, the remainder being mostly cod with a few pollock and hake.

Today's Arrivals and Receipts.

The arrivals and receipts in detail are:

- Str. Nora B. Robinson, gill netting, 800 lbs. fresh fish.
- Str. Seven Brothers, gill netting, 2500 lbs. fresh fish.
- Str. Quoddy, gill netting, 700 lbs. fresh fish.
- Sch. Little Fannie, gill netting, 1000 lbs. fresh fish.
- Str. Dolphin, gill netting, 1200 lbs. fresh fish.
- Str. Rough Rider, gill netting, 300 lbs. fresh fish.
- Str. Margaret D., gill netting, 700 lbs. fresh fish.
- Str. Nomad, gill netting, 1000 lbs. fresh fish.
- Str. Enterprise, gill netting, 300 lbs. fresh fish.
- Str. Venture, gill netting, 700 lbs. fresh fish.
- Str. Ethel, gill netting, 1500 lbs. fresh fish.
- Str. Gertrude T., gill netting, 500 lbs. fresh fish.
- Str. Medomak, gill netting, 1400 lbs. fresh fish.
- Str. R. J. Kellick, gill netting, 1200 lbs. fresh fish.
- Str. Water Witch, gill netting, 400 lbs. fresh fish.
- Str. Jeffery, gill netting, 250 lbs. fresh fish.
- Str. Sawyer, gill netting, 1000 lbs. fresh fish.
- Str. Mary F. Ruth, gill netting, 1000 lbs. fresh fish.
- Sch. Motor, shore.

Saturday's Gill Netting Arrivals.

- Str. Ibsen, gillnetting, 2800 lbs. fresh fish.
- Str. Robert and Edwin, 1300 lbs. fresh fish.
- Str. Dolphin, gill netting, 800 lbs. fresh fish.
- Str. Jeffery, gill netting, 1800 lbs. fresh fish.
- Str. Swan, gill netting, 1200 lbs. fresh fish.
- Str. Rough Rider, gill netting, 1400 lbs. fresh fish.
- Str. Margaret D., gill netting, 1000 lbs. fresh fish.
- Str. F. S. Willard, gill netting, 1500 lbs. fresh fish.
- Str. Prince Olaf, gill netting, 200 lbs. fresh fish.
- Str. Nomad, gill netting, 600 lbs. fresh fish.
- Str. Enterprise, gill netting, 1400 lbs. fresh fish.
- Str. Water Witch, gill netting, 1800 lbs. fresh fish.
- Str. Venture, gill netting, 1200 lbs. fresh fish.
- Str. Sunflower, gill netting, 500 lbs. fresh fish.
- Str. Evelyn H., gill netting, 3400 lbs. fresh fish.
- Str. Ethel, gill netting, 1500 lbs. fresh fish.
- Str. George E. Fisher, gill netting, 1000 lbs. fresh fish.
- Str. Gertrude T., gill netting, 1000 lbs. fresh fish.
- Str. Harold, gill netting, 400 lbs. fresh fish.
- Str. Carrie and Mildred, gill netting, 1500 lbs. fresh fish.
- Str. Mystery, gill netting, 2400 lbs. fresh fish.
- Str. Medomak, gill netting, 1300 lbs. fresh fish.
- Str. Nora B. Robinson, 3000 lbs. fresh fish.
- Str. Anna T., gill netting, 800 lbs. fresh fish.
- Str. Naomi Bruce, gill netting, 1000 lbs. fresh fish.

TODAY'S FISH MARKET.

Salt Fish.

- Handline Georges codfish, large, \$5.25 per cwt.; medium, \$4.75, snappers, \$3.25.
- Eastern deck handline codfish, large, \$5.25; medium, \$4.50.
- Eastern halibut codfish, large, \$4.50; mediums, \$3.75. snappers, \$3.
- Georges halibut codfish, large, \$4.50; mediums, \$4.

MANY FAMILIES WOULD SUFFER

If the Bill to Prohibit Torch-
ing Should Pass the
Legislature.

It was stated before the legislative committee on Fisheries and Game Friday by David Mancovitz of Boston that great hardship would be imposed upon more than 60 families of fishermen in Boston, who depend upon torching for herring in the harbor as their means of livelihood, if bills preventing such fishing passed the legislature.

Those speaking in favor of the bills to prohibit fishing for herring or other fish in Dorchester Bay, Old Harbor or Neponset River, or in waters southwesterly from a line to City Point to Thompson's Island, and also in the Essex river, unless a permit is given by the selectmen, included Harbor Master Francis J. Hird of Boston, Mr. Kimball of the Massachusetts Fish and Game Protective Association, Representative William M. Robinson of Chelsea and George H. W. Hayes of Ipswich.

It was declared by the proponents that torchers throw out dead fish which are not marketable and thereby create a nuisance along the shore of the bays and inlets.

THREE MORE STEAM TRAWLERS

The Boston syndicate which owns and manages the fleet of steam otter trawlers engaged in the fresh market fishery have ordered three more crafts of a similar type, which are at present under construction at Quincy.

This statement means that despite strong opposition that has developed against the steam trawlers the Bay State Fishing Company will add three more vessels to its fleet. The trio is now under construction at the plant of the Fore River Shipbuilding Company at Quincy, and the vessels, in general dimensions and model, will not be a departure from the craft now in operation.

Holders of investment in fishing schooners have, for a long time, viewed the steam trawlers with distrust, advancing the argument that otter trawling methods threaten the industry. Protest was entered at Washington last year and fishing interests have been represented at a hearing. Boston and Gloucester have raised funds to carry on the battle which, it is said, will be waged to a decisive finish.

The government has moved with unusual alacrity in the matter, having placed inspectors on several of the steam trawlers in order that operations might be observed and findings embodied in an authoritative report. A. B. Alexander, the U. S. fisheries expert, has visited the eastern edge of Georges on one of the trawlers and made careful note of the quantity and variety of fish taken in the big trawl as it dragged the ocean bed at various depths on a trip that occupied nearly a week.

Foes of the steam trawlers declare it may be as long as three or four years before definite legislation comes of the present agitation. The trawlers, they assert, have been very prosperous, last year particularly so. Money enough has been made to pay for vessels engaged in the fisheries and the situation is improving. A trawler of the Surf type costs about \$50,000 ready for service. With good luck and high prices, a steamer may stock that amount in a year.

The steam trawler has advantage over the schooner in being able to harvest in rough weather when the fishing schooner cannot work her dories.

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Provincetown Fishing Notes.

Schs. Arbitrator and Nettie Franklin arrived from Gloucester last week, where they have been tied up, and will engage in fresh fishing.

WANT FRENCH TRAWLERS GOLD

North Sidney Board of Trade
Would Not Have Them,
Barred There.

A question which has received a great deal of attention during past few years, is that of steam trawling around Nova Scotia and Newfoundland coasts, and an act is at present under consideration at Ottawa which will work against the wholesale destruction of the fisheries which, it is said, is being wrought by the French steam trawlers. This action of the Federal government is the result of the petitions of several strong delegations sent to Ottawa from Lunenburg and other fishing centres of western Nova Scotia.

Apparently, however, the action of the government in this respect is not meeting with the approval of Cape Breton or North Sydney at least, for, at last evening's session of the Sydney Board of Trade the following communication was read, signed by H. E. Whitman, President North Sydney Board of Trade. The letter was addressed to J. A. Gillies, Esq., President of the Sydney Board:

"As appears in the daily papers, action has been taken at Ottawa which, if carried through, will kill the business of French fishermen visiting this island, and particularly Sydney harbor, where they spend in the vicinity of \$150,000 about three-fourths of which is disbursed on your side of the harbor for coal, water, etc.

If prohibited from coming here the steam vessels will merely change their base to St. Pierre, Miquelon, bringing out their coal and provisions (except fresh provisions) in sailing vessels which will take fish to France. The same amount of fish will be taken from this harbor to St. Pierre, and we lose the distribution of a very large amount. According to the proposed act, the English trawlers, which do damage to local fishermen by fishing within the three mile limit and by selling their fish in the Nova Scotia markets in competition with local fishermen, are not affected by the proposed bill.

"As to line fishermen from France they purchase annually large quantities of fresh herring in this harbor, all along the southern and northern shores of this island, as well as the Magdalen Islands, which bait would otherwise be lost as no use would be made of it; in fact the fishermen would not catch it except to sell to the Frenchmen.

"A number of French steam vessels have already made their assignments for the coming season at considerable expense and contracts have been made for coal, supplies, etc., so that in the event of the bill passing serious loss would occur.

"We wish finally to urge that if the act should pass it does not take effect till after 1913, and we beg that you will co-operate with us to prevent, if possible, the taking away from our harbor of so much trade."—Sydney Daily Post, March 5.

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Along the South N. F. Coast.

Practically all the Newfoundland western banking fleet are now ready for their spring trip, and are harbored at Burgeo, La Polle, and that vicinity. The schooners have a good supply of bait, salt, squid and frozen herring, but the weather has been such the last two weeks as to prevent fishing though a few of the more venturesome skippers have been fishing and with fairly good results. Last year at this date some of the bankers had as much as 300 quintals salted down. The fishery generally on the coast is a failure. Cod, however, is plentiful, the draw-back being the unfavorable weather.

Digby, N. S., Fishing Arrivals.

Maritime Fish Corporation arrivals last week were: Schs. Albert J. Letz, 47,000 lbs. of haddock, 4818 lbs. of cusk, 5966 lbs. of cod; Dorothy M. Smart, 66,500 lbs. of haddock, 3700 lbs. of cod, 3600 lbs. of cusk, 100 lbs. of halibut; Dorothy G. Snow, 7000 lbs. of haddock, 9200 lbs. of cusk, 4200 lbs. of cod, and 172 lbs. of halibut.

NEWS FOR THE LAKE FISHERS

News of last week, concerning the situation on the Great Lakes indicates that weather conditions have not been conducive to any great activity. Lake Michigan has been frozen over, and at Menominee a blizzard that raged for three days, prevented the fishermen working, though it is reported that herring receipts were good. Fishing at Bay City has not been good either, and very few fish went out to the Eastern markets. In Cleveland the market has been reasonably active, with prices holding firm for all varieties.

Ten fishermen caught in a blinding snowstorm on Little Traverse Bay, Michigan, are being sought for. Unable to see more than a few feet in any direction, they are thought to be rowing aimlessly over the blizzard-swept waters. Fears for their safety are expressed by their more lucky fellows who by chance gained the mainland.

There was so much ice in Lake Michigan last Saturday that the fishing tugs Dornbos and Bos were obliged to return to Grand Haven and leave their nets without making a haul.

To correct inconsistencies in the present commercial fisheries law of Michigan a bill has been introduced in the legislature which changes the present law to provide that not more than 15 per cent. of undersized fish caught in legal mesh nets may be sold. The law at present fixes the size of the mesh of the nets and it has developed in practice that a cer-

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- Cusk, large, \$2.25; mediums, \$1.75; snappers, \$1.25.
- Pollock, \$1.50.
- Hake, \$1.50.
- Haddock, \$1.50.
- Newfoundland salt herring, \$3.25 per bbl.
- Newfoundland pickled herring, \$5 per bbl.

Fresh Fish.

- Haddock, \$1.10 per cwt.
- Eastern cod, large, \$2.10; medium, \$1.75; snappers, 75c.
- Western cod, large, \$2.15; mediums, \$1.80; snappers, 75c.
- Peak cod, large, \$2; medium, \$1.75; snappers, 70c.
- All codfish not gilled 10c per 100 pounds less than the above.
- Hake, \$1.15.
- Cusk, large, \$1.30; mediums, \$1; snappers, 50c.
- Dressed pollock, 80c; round, 90c.
- Bank halibut, 15c per lb. for white and 11c for gray.
- Newfoundland frozen herring, \$2.75 per cwt.

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Two More Salt Trawlers.

Schs. Bohemia and Arkona of the salt trawl banking fleet sailed this morning. This makes five of the fleet that have sailed to date.

Salt Cargo Discharged.

Steamer Guild Hall will complete the discharge of her cargo of salt today and sail for Baltimore to load coal for Vera Cruz.

Spoken.

Capt. James Mason of sch. Mystery reports speaking sch. Rhodora on the Sable Island ground about a week ago.